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(71) Applicant (for all designated States except US): OP-TICAL POWER SYSTEMS INC. [US/US]; 86 South Street, Hopkington, MA 01748 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DEMIDOV, Andrey, A. [RU/US]; 1110 Franklin Street, Duxbury, MA 02332 (US). PO, Hong [US/US]; 8 Towne Lyne Road, Sherborn, MA 01770 (US).

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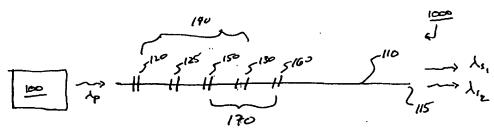
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(54) Title: MULTI-WAVELENGTH OPTICAL FIBER



(57) Abstract: The invention features a fiber that includes an optical fiber (110) containing a gain medium having a Raman active material with a Raman gain spectrum. The optical fiber is configured to receive energy at a wavelength λ_p . The fiber also includes at least three pairs of reflectors (120, 125, 150, 130, 160) disposed in the optical fiber. Each pair of reflectors forms a resonance cavity (140) with a resonance frequency.

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US CL : 385/123			
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED			
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C. DOCUMENTS CONSIDERED TO BE RELEVANT			
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	column 2 line 20- column 3 line 44.		151-159
х	US 5,815,518 A (REED et al) 29 September 1998 (29.09.1998), Fig. 3, column 1 line 64- 1-12, 22-23, 37-60,		
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	the entire document. 70-71, 85-141, 151-		
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	PCT hington, D.C. 20231	Loung Pak Mescalego	
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